

19. Kelly PJ: Infected nonunion of the femur and tibia. *Orthop Clin North Am* 1984; 15:481-490
20. Gordon L, Chiu E: Treatment of infected non-unions and segmental defects of the tibia with staged microvascular muscle transplantation and bone grafting. *J Bone Joint Surg (Am)* 1988; 70:377-386
21. Heppenstall RB: Bone grafting, sect 1, chap 7, *In* Evans CM (Ed): *Surgery of the Musculoskeletal System—Vol 1*. New York, Churchill Livingstone, 1983, pp 89-106
22. Friedlander GE: Current concepts review—Bone grafts. *J Bone Joint Surg (Am)* 1987; 69:786-790
23. Wood MB: Free vascularized bone transfers for nonunions, segmental gaps, and following tumor resection. *Orthopedics* 1986; 9:810-816
24. Osterman AL, Bora FW: Free vascularized bone grafting for large gap nonunion of long bones. *Orthop Clin North Am* 1984; 15:131-142
25. Harthorne E: On causes and treatment of pseudoarthrosis and especially of that form of it sometimes called supernumerary joint. *Am J Med Sci* 1841; 1:121-156
26. Garrett AC: *Electrophysiology*, 3rd Ed. Philadelphia, JB Lippincott, 1866
27. Yasuda I: Fundamental aspects of fracture treatment. *J Kyoto Med Soc* 1953; 4:395-406
28. Becker R, Bassett CAL, Bachman CH: Bioelectric factors controlling bone structure, *In* Frost HM (Ed): *Bone Biodynamics*. Boston, Little, Brown, 1964, pp 209-244
29. Bassett CAL, Pawluk RJ, Becker RO: Effects of electric currents on bone in vivo. *Nature* 1964; 204:652-654
30. Lavine LS, Grodzinsky AJ: Current concepts review—Electrical stimulation of repair of bone. *J Bone Joint Surg (Am)* 1987; 69:626-630
31. Spadaro JA: Electrically stimulated bone growth in animals and man—Review of the literature. *Clin Orthop* 1977; 122:325-332
32. Brighton CT: Treatment of nonunions of the tibia with constant direct current. *J Trauma* 1981; 21:189-195
33. Paterson DC, Lewis GN, Cass CA: Treatment of delayed union and nonunion with an implanted direct current stimulator. *Clin Orthop* 1980; 148:117-128
34. Bassett CAL, Mitchell SN, Gaston SR: Treatment of ununited tibial diaphyseal fractures with pulsing electromagnetic fields. *J Bone Joint Surg (Am)* 1981; 63:511-523
35. Heckman JD, Ingram AJ, Loyd RD, et al: Nonunion treatment with pulsed electromagnetic fields. *Clin Orthop* 1981; 161:58-66
36. Brighton CT, Pollack SR: Treatment of recalcitrant nonunion with a capacitively coupled electrical field—A preliminary report. *J Bone Joint Surg (Am)* 1985; 67:577-585
37. Goodship AE, Kenwright J: The influence of induced micromovement upon the healing of experimental tibial fractures. *J Bone Joint Surg (Br)* 1985; 67:650-655
38. Duarte LR: The stimulation of bone growth by ultrasound. *Arch Orthop Trauma Surg* 1984; 103:278-283
39. Urist MR, Sato K, Brownell AG, et al: Human bone morphogenetic protein (HBMP). *Proc Soc Exp Biol Med* 1983; 173:194-199
40. Einhorn TA, Bonnarens F, Burstein AH: The contributions of dietary protein and mineral to the healing of experimental fractures—A biomechanical study. *J Bone Joint Surg (Am)* 1986; 68:1389-1395

Book Review

The Western Journal of Medicine does not review all books sent by publishers, although information about new books received is printed elsewhere in the journal as space permits. Prices quoted are those given by the publishers.

Asthma, and What You Can Do About It

Milton Millman, MD. Tidal Press, PO Box 1969, San Diego, CA 92112, 1988. 204 pages.

The author states that "patients and the general public usually lack sufficient medical information about asthma to judge whether or not they are getting the best treatment currently available." He attempts to provide the missing information in a language readily understandable by those with limited medical knowledge. Dr Millman, with associates Frank Millman, Ira Goldstein, William Grundon, and Alex Mercandetti, has produced a book that is as easy to understand as possible, with simplified explanations. This is done in four parts: Introduction to Asthma and Allergy; Diagnosis; Treatment; and Methods for Avoiding Allergens; along with a glossary and references. The book is written primarily for patients, parents of children who have allergies, and others who must work with this subject on a day-to-day basis. The 19 chapters contain numerous easily understood illustrations.

Asthma, and What You Can Do About It is not designed to be a self-treatment manual but is to serve as a home reference that would enhance the instructions and information provided by the treating physician. Of particular help is the section on environmental control of allergens. In the next edition of this book, Dr Millman should emphasize important rehabilitation factors such as summer camps and physical exercise programs for asthmatics, as well as information concerning asthmatics in the school system.

My own patients and I think that this book is quite suitable for the asthmatic patient and his or her family. Its proper use can serve to help prevent the need for hospital stays when the information provided is coordinated with the recommendations of the private physician. This book contains much information that when properly studied will allow the reader to understand that there is more to asthma than is realized by most physicians or the general public.

MERLE S. SCHERR, MD
Scottsdale, Arizona